

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L21   | 29   | threshold with delay and 455/561.ccls.                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/07/19 15:59 |
| L20   | 45   | threshold same delay and 455/561.ccls.                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/07/19 15:59 |
| L19   | 17   | "455"/\$.ccls. and ((channel adj per adj frame) and delay)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/07/19 14:25 |
| L18   | 0    | "455"/\$.ccls. and ((channel adj per adj frame) same delay) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/07/19 14:25 |
| L17   | 0    | "455"/\$.ccls. and (channel adj per adj frame) same delay   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/07/19 14:25 |
| L16   | 24   | 455/561.ccls. and (channel with frame) same delay           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/07/19 14:24 |
| L15   | 209  | 455/561.ccls. and (channel with frame)                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/07/19 14:20 |
| L14   | 17   | (modulation adj method) and 455/561.ccls. and frame         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/07/19 14:16 |
| L11   | 40   | (modulation adj method) and 455/561.ccls.                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/07/19 14:12 |

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|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| L13 | 7     | (modulation adj method) and 455/561.ccls. and (channel with frame) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/19 14:02 |
| L12 | 36    | (modulation adj method) and 455/561.ccls. and (channel)            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/19 14:02 |
| L10 | 6     | 9 and 455/561.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/19 13:18 |
| L9  | 826   | channel adj4 per adj4 frame  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/19 13:03 |
| L7  | 64    | 6 and 455/561.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/19 13:03 |
| L6  | 54465 | channel adj "4" per adj4 frame                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/19 13:03 |
| L8  | 32    | 6 and 455/561.ccls. and delay                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/19 13:02 |
| L5  | 2     | "6996373".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/19 12:30 |
| S34 | 8     | (delay with threshold) same channel and "455"/561.ccls.            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/18 17:42 |
| S33 | 181   | (delay with threshold) same channel and "455"/\$.ccls.             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/18 17:42 |

## EAST Search History

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S32 | 1688  | (delay with threshold) same channel   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/18 17:42 |
| S24 | 1     | (modulation adj method) and ((per each) near2 frame) and 455/561. ccls.             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/18 17:41 |
| S31 | 3     | S25 and burst   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/18 17:02 |
| S25 | 29    | (delay with threshold) and 455/561. ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/18 17:02 |
| S30 | 3     | S27 and burst   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/18 17:01 |
| S29 | 67128 | "35" and burst  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/18 17:01 |
| S27 | 35    | (delay with threshold) same (modulation with (method technique))                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/18 17:01 |
| S28 | 8     | (bpsk same delay) and (16qam same delay)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/18 16:58 |
| S26 | 2     | (delay with threshold) same (modulation with (method technique)) and "455"/\$.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/18 15:54 |
| S23 | 27    | (modulation with method) and (channel with frame) and 455/561. ccls.                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/18 15:21 |

## EAST Search History

|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| S22 | 53    | (modulation with method) and (channel with rate) and 455/561.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/18 15:06 |
| S21 | 13    | (modulation with method) same frame and 455/561.ccls.              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/18 15:01 |
| S20 | 123   | modulation with method and 455/561.ccls.                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/18 14:58 |
| S19 | 26    | modulation same frame same channel and 455/561.ccls.               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/18 14:58 |
| S18 | 72    | modulation same frame and 455/561.ccls.                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/18 14:55 |
| S17 | 18752 | modulation same frame  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/07/18 14:55 |